

NEPTUNE LS1000-5000

Microprocessor Servo Stabilizer/AVR



Features

- Single Phase Automatic Voltage Stabilizer/AVR
- Advanced Digital μ P Technology
- LCD display friendly function
- LCD Display Input voltage, Output Voltage, Load current and Working Status
- Output Over&Under Voltage Protection
- Wide Input Voltage Range 220Vac (140-260Vac)
- Output Regulation 220Vac +/-1/3%(Selectable)
- Short Circuit & Over Load Protection
- Selectable Output Delay Function 6/180 ms
- Built-in Toroid Transformer CRGO.
- High Efficiency Stabilizer >98%(CRGO)
- EMI & RFI Noise Filter -60dB
- Surge, Spike and Lightning Protection 320 Joules (IC=6500A)
- National Output Plug
- CE Certificate LVD: EN60950, EMC:EN55024
- ISO9001:2008 Manufacturer Certificate



Digital μ P Controller:

Advanced Digital μ P controlled technology enable Stabilizer/AVR more stable performance and with better quality.

Digital μ P



LCD Display:

Digital LCD display Input voltage Output voltage, Output current and working status with stabilizer.

LCD Display



Stabilizer/AVR:

Automatic voltage stabilizer/AVR when the input under voltage, over voltage, surge, drift and swell.

Stabilizer/AVR

Application



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FRONT PANEL



LS1000

RS2000

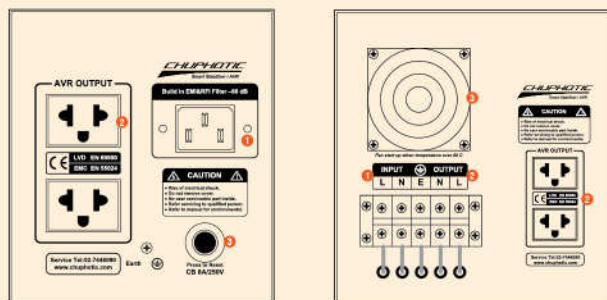
RS3000

RS5000

1. Input /Output voltage
2. Delay Output switch

3. DDM switch
4. Input switch/Breaker

REAR PANEL



LS1000

RS2000

RS3000

RS5000

1. Input Inlet
2. Output Plug
3. Input Circuit Breaker

1. Input Terminal
2. Output Plug/Terminal
3. DC Fan

SPECIFICATIONS

Model		LS1000	LS1500	LS2000	LS3000	LS5000
CAPACITY	VAV	1000/800	1500/1200	2000/1600	3000/2400	5000/4000
TECHNOLOGY	System	µP Technology & Toroid Transformer CRGO.				
INPUT	Input Voltage	Single Phase , 220Vac (140-260Vac)				
	Input Frequency	45-65 Hz (50/60 Hz)				
OUTPUT	Output voltage	Single Phase ,220 VAC +/-1/3%(selectable)				
	Output Frequency	50/60 Hz				
	Efficiency (%)	>98%				
	Output Delay	Selectable switch 6/180 ms				
	Outlets	2 x National			Terminal	
PROTECTION	Over /Under Voltage	Automatic cut-off				
	Overload/Short Circuit	Auto reset circuit breaker			Circuit Breaker	
	High Temperature	Yes			Yes (Fan speed automatic)	
	Noise Filter	EMI&RFI Full time suppression -60 dB				
	Clamping voltage	370Vpeak/1,000,000W :100 µs				
	Energy Rating	20 Joules (IC=6500A)				
INDICATOR	LCD Display	Input Voltage, Output Voltage, Load Current and Working status				
STANDARD	Safety/EMC	CE, LVD: EN60950, EMC: EN55024				
	Manufacturer	ISO9001:2008				
ENVIRONMENT	Temperature	0-40 °C				
	Humidity	0-95%(Non-Condensing)				
	Attenuation	Less than 40dB(at 1 meter)				
PHYSICAL	Dimension(WxDxH) mm	190x270x160			220x330x225	
	Weight(Kg)	5.8	6.6	6.6	16.4	16.4

* All specification are subject to change without prior notice.

EW.BRC. Neptune LS 1-5K Rev1.00/2011

Authorized Dealer: